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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/674,637	09/30/2003	Nikhil Awasthi	502064-A-01US (Awasthi)	4696

7590 02/09/2007
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EXAMINER

CONTEE, JOY KIMBERLY

ART UNIT	PAPER NUMBER
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2617

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/09/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/674,637

Applicant(s)

AWASTHI ET AL.

Examiner

Joy K. Contee

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 October 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,5-11,14-18 is/are rejected.
- 7) ☐ Claim(s) 3,4,12 and 13 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.
2. Applicant's arguments with respect to claims 1,5,7,8,9,10,14,15,16,17 and 18 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1,5,7,8,9,10,14,15,16,17 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Anupam et al. (Anupam), U.S. Patent Pub. No. 2005/0048981, in view of Gao, US Pub. No. 2005/002405.

Regarding claims 1 and 10, Anupam discloses a method for reconnecting a dropped telephone connection between a calling party and a called party, said telephone connection having been established by a telephone call having been initially placed by the calling party to a primary number of the called party and subsequently rerouted by a telephony server to an auxiliary number (reads on alternate number registered by the mobile terminal subscriber) assigned to the called party, thereby

Art Unit: 2617

establishing an inbound call from the calling party to the server and an outbound call from the server to the called party (**see Anupam, page 2 [0010]**), said method comprising the steps of:

detecting by the server the situation where the status of the inbound call is active and the status of the outbound call is dropped (Wireless Reconnect Application WRA running on an application server bridges a call leg to the in place call leg to the end user of the landline terminal (or calling party)) (**page 2 [0012]**); and, attempting by the server to reestablish the telephone connection with the called party should said situation exceed a predetermined period of time (**see pages 3-4, [0012-0015]**).

Anupam fails to explicitly disclose monitoring the status of the inbound call by the server; and monitoring the status of the outbound call by the server.

In similar field of endeavor, Gao discloses an active server group 10010 which monitors the traffic by sending the calling party and the called party connection status (**see pages 23-24 [0335-0338,0356] and page 44 [0663] and page 50 [0713]**).

At the time of the invention it would have been obvious to one of ordinary skill in the art to modify Anupam to include wherein a server actually monitors the calling traffic especially since Anupam suggests that the Application Server, including the WRA, is collocated with the MSC (**page 2 [0010] and pages 2-3 [0015]**) and the WRA can be located anywhere in the wireless network.

5. Claims 2,5-9,11,14-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Anupam and Gao, in further view of Brooks et al. (Brooks), US Pub. No. 2002/0090947.

Regarding claims 2,5-9,11,14-18, Anupam and Gao disclose the method of claims 1 and 10 respectively but do not specifically disclose the limitations of claims 2,5-9,11,14-18.

In a similar field of endeavor, Brooks discloses communicating a message to the calling party requesting verification that the telephone connection was unintentionally terminated; receiving said verification prior to said attempting step; and, terminating the inbound call in the event no verification is received in a fixed period of time. The method of claim 1 further comprising the steps of: communicating a message to the calling party requesting verification that the telephone connection was unintentionally terminated; receiving said verification prior to said attempting step; and, terminating the inbound call in the event no verification is received in a fixed period of time.

The method of claim 1 further comprising the steps of enabling and disabling the reconnect feature upon receipt of a command from the called party. The method of claim 1 further comprising the step of periodically repeating said attempting step a fixed number of times or until the telephone connection is reestablished. The method of claim 6 further comprising the step of granting the calling party access to a voice mailbox of the called party in the event the telephone connection is not reestablished after the fixed number of attempts were unsuccessful. The method of claim 6 further comprising the step of granting the calling party access to a voice mailbox of the called party in the event the telephone connection is not reestablished after the fixed number of attempts were unsuccessful (see pages 2-3 [0019,0021-0031]).

Art Unit: 2617

The method of claim 6 wherein the number of attempts and how often they occur are each settable parameters.

The method of claim 6 further comprising the step of receiving a command from the calling party to terminate the repeating step and thereby granting the calling party access to a voice mailbox of the called party.

At the time of the invention it would have been obvious to one of ordinary skill in the art to modify Anupam to include user settable variations with regard to call management.

Allowable Subject Matter

6. Claims 3,4,12,13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

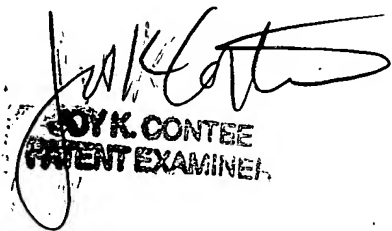
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joy K Contee whose telephone number is 571.272.7876. The examiner can normally be reached on Monday through Friday, 5:30 a.m. to 2:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571.272.7904. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2617

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JC


JOY K. CONTEE
PATENT EXAMINER